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**(54) PRODUCTION OF CYCLOHEXENECARBOXYLIC ACID DERIVATIVE, INTERMEDIATE FOR ANTI-ALLERGIC DRUG AND SURFACTANT**

**(57)Abstract:**

**PURPOSE:** The reaction between myrcene and a methacrylic ester is effected in the presence of a Lewis acid catalyst to produce title compound useful for intermediate of anti-allergic drug and surfactant in high selectivity and yield.

**CONSTITUTION:** The reaction between a methacrylic ester of formula I (R1 is lower alkyl; R2 is H or methyl) and myrcene of formula II is effected in the presence of a Lewis acid of MXn (M is amphoteric metal atom; X is halogen; n is 3,4) as aluminum chloride, stannic chloride to produce cyclohexenecarboxylic acid derivative of formula III. The compound of formula III can be led to a novel anti-allergic drug under development of formula IV and novel surfactant of formula V (R3 is OH, lower alkoxy, residue of aminoacid).

**LEGAL STATUS**

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